

ABSTRACT OF THE DISCLOSURE

A laptop computer with an embedded antenna is disclosed. The laptop computer contains an LCD panel and an antenna embedded inside the LCD panel. The antenna is embedded in the gap between the covering of the LCD panel and the frame supporting the
5 LCD on the LCD panel. The ground surface of the antenna is effectively extended through incorporating the conducting surface on the back of the LCD. When the LCD panel is opened the antenna is at a distance above the operating surface of the laptop computer and produces omni-directional radiation pattern in the horizontal plane.